BRS	1351	serializer or deserializer	US-PGPUB; USPAT; EPO; DERWENT	2/27/05 18:33	S10
BRS	45916	pll or (phase adj lock$2 adj loop$1)	US-PGPUB; USPAT; EPO; DERWENT	9/28/02 17:26	S11
BRS	13846	parallel adj output	US-PGPUB; USPAT; EPO; DERWENT	9/28/02 17:27	S12
BRS	49	(serializer or deserializer) with (parallel adj output)	US-PGPUB; USPAT; EPO; DERWENT	9/28/02 17:27	S13
BRS	2	((serializer or deserializer) with (parallel adj output)) same (pll or (phase adj lock$2 adj loop$1))	US-PGPUB; USPAT; EPO; DERWENT	9/28/02 17:29	S14
BRS	51132	transceiver	US-PGPUB; USPAT; EPO; DERWENT	9/28/02 17:29	S15
BRS	12	transceiver same (serializer or deserializer) same (pll or (phase adj lock$2 adj loop$1))	US-PGPUB; USPAT; EPO; DERWENT	9/28/02 17:35	S16
BRS	10	(transceiver same (serializer or deserializer) same (pll or (phase adj lock$2 adj loop$1))) and @ad<"19990424"	US-PGPUB; USPAT; EPO; DERWENT	9/28/02 18:04	S17
BRS	16	(transceiver$1 or (receiver$1 with transmitter$1)) same (serializer or deserializer) same (pll or (phase adj lock$2 adj loop$1))	US-PGPUB; USPAT; EPO; DERWENT	9/28/02 17:36	S18
BRS	13	((transceiver$1 or (receiver$1 with transmitter$1)) same (serializer or deserializer) same (pll or (phase adj lock$2 adj loop$1))) and @ad<"19990424"	US-PGPUB; USPAT; EPO; DERWENT	9/28/02 17:36	S19
BRS	1	6377575.pn. and deserializer$1	US-PGPUB; USPAT; EPO; DERWENT	9/28/02 18:33	S20
BRS	1	6377575.pn. and phase	US-PGPUB; USPAT; EPO; DERWENT	9/28/02 18:38	S21
BRS	1	6377575.pn. and cmu	US-PGPUB; USPAT; EPO; DERWENT	9/28/02 18:42	S22
BRS	1	6377575.pn. and dru	US-PGPUB; USPAT; EPO; DERWENT	9/28/02 18:43	S23
BRS	3096	select$5 near3 (demux$1 or demultiplex$5)	US-PGPUB; USPAT; EPO; DERWENT	12/19/03 11:00	S24
BRS	41875	select$5 near3 (mux$1 or multiplex$5)	US-PGPUB; USPAT; EPO; DERWENT	12/19/03 11:00	S25
BRS	13345	parallel adj serial	US-PGPUB; USPAT; EPO; DERWENT	12/19/03 11:00	S26
BRS	19366	serial adj parallel	US-PGPUB; USPAT; EPO; DERWENT	12/19/03 11:00	S27
BRS	186	(select$5 near3 (mux$1 or multiplex$5)) same (serial adj parallel)	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:10	S28
BRS	17	(select$5 near3 (demux$1 or demultiplex$5)) same (parallel adj serial)	US-PGPUB; USPAT; EPO; DERWENT	12/19/03 11:01	S29
BRS	5	((select$5 near3 (mux$1 or multiplex$5)) same (serial adj parallel)) and ((select$5 near3 (demux$1 or demultiplex$5)) same (parallel adj serial))	US-PGPUB; USPAT; EPO; DERWENT	12/19/03 11:19	S30
BRS	4	(((select$5 near3 (mux$1 or multiplex$5)) same (serial adj parallel)) and ((select$5 near3 (demux$1 or demultiplex$5)) same (parallel adj serial))) and clock$	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:11	S31
BRS	1	4809345.pn. and (clock$4 or timing or tim$5 or synchroni$6 or sync$5)	US-PGPUB; USPAT; EPO; DERWENT	12/19/03 13:43	S32
BRS	1	4610026.pn. and (clock$4 or timing or tim$5 or synchroni$6 or sync$5)	US-PGPUB; USPAT; EPO; DERWENT	12/19/03 11:47	S33
BRS	0	4809345.pn. and (phhase)	US-PGPUB; USPAT; EPO; DERWENT	12/19/03 13:43	S34
BRS	0	4809345.pn. and (phase)	US-PGPUB; USPAT; EPO; DERWENT	12/19/03 13:43	S35
BRS	1	4809345.pn. and (phase$)	US-PGPUB; USPAT; EPO; DERWENT	12/19/03 13:43	S36
BRS	197	(select$5 near3 (mux$1 or multiplex$5)) same (serial adj parallel)	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:10	S37
BRS	119	(select$5 near3 (mux$1 or multiplex$5)) same (serializer$1)	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:10	S38
BRS	316	((select$5 near3 (mux$1 or multiplex$5)) same (serial adj parallel)) or ((select$5 near3 (mux$1 or multiplex$5)) same (serializer$1))	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:10	S39
BRS	4	(((select$5 near3 (mux$1 or multiplex$5)) same (serial adj parallel)) and ((select$5 near3 (demux$1 or demultiplex$5)) same (parallel adj serial))) and clock$4	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:11	S40
BRS	1	(((select$5 near3 (mux$1 or multiplex$5)) same (serializer$1)) and ((select$5 near3 (demux$1 or demultiplex$5)) same (serializer$4))) and clock$4	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:11	S41
BRS	5	((((select$5 near3 (mux$1 or multiplex$5)) same (serial adj parallel)) and ((select$5 near3 (demux$1 or demultiplex$5)) same (parallel adj serial))) and clock$4) or ((((select$5 near3 (mux$1 or multiplex$5)) same (serializer$1)) and ((select$5 near3 (demux$1 or demultiplex$5)) same (serializer$4))) and clock$4)	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:14	S42
BRS	1	4809345.pn. and "1408"	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:15	S43
BRS	1	4809345.pn. and clock$4	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:16	S44
BRS	14165	parallel adj serial	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:16	S45
BRS	2677	p/s	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:17	S46
BRS	15968	(parallel adj serial) or "p/s"	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:17	S47
BRS	363	((parallel adj serial) or "p/s") same (demux or demultiplex$5)	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:17	S48
BRS	20916	serial adj parallel	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:17	S49
BRS	2160	s/p	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:17	S50
BRS	22199	(serial adj parallel) or "s/p"	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:17	S51
BRS	1917	((serial adj parallel) or "s/p") same (mux or multiplex$5)	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:18	S52
BRS	37	(((parallel adj serial) or "p/s") same (demux or demultiplex$5)) same "19"	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:18	S53
BRS	108	(((parallel adj serial) or "p/s") same (demux or demultiplex$5)) same (((serial adj parallel) or "s/p") same (mux or multiplex$5))	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:18	S54
BRS	83	((((parallel adj serial) or "p/s") same (demux or demultiplex$5)) same (((serial adj parallel) or "s/p") same (mux or multiplex$5))) and @ad<"19990424"	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:18	S55
BRS	11	((((parallel adj serial) or "p/s") same (demux or demultiplex$5)) same (((serial adj parallel) or "s/p") same (mux or multiplex$5))) and @rlad<"19990424"	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:18	S56
BRS	83	(((((parallel adj serial) or "p/s") same (demux or demultiplex$5)) same (((serial adj parallel) or "s/p") same (mux or multiplex$5))) and @ad<"19990424") or (((((parallel adj serial) or "p/s") same (demux or demultiplex$5)) same (((serial adj parallel) or "s/p") same (mux or multiplex$5))) and @rlad<"19990424")	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:21	S57
BRS	67	((((((parallel adj serial) or "p/s") same (demux or demultiplex$5)) same (((serial adj parallel) or "s/p") same (mux or multiplex$5))) and @ad<"19990424") or (((((parallel adj serial) or "p/s") same (demux or demultiplex$5)) same (((serial adj parallel) or "s/p") same (mux or multiplex$5))) and @rlad<"19990424")) and clock$5	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:29	S58
BRS	28	((((((parallel adj serial) or "p/s") same (demux or demultiplex$5)) same (((serial adj parallel) or "s/p") same (mux or multiplex$5))) and @ad<"19990424") or (((((parallel adj serial) or "p/s") same (demux or demultiplex$5)) same (((serial adj parallel) or "s/p") same (mux or multiplex$5))) and @rlad<"19990424")) and clock$5 same phas$5	US-PGPUB; USPAT; EPO; DERWENT	2/27/05 18:33	S59

		((((((parallel adj serial) or "p/s") same (demux or demultiplex$5)) same (((serial adj parallel) or "s/p") same (mux or multiplex$5))) and @ad<"19990424") or (((((parallel adj serial) or "p/s") same (demux or demultiplex$5)) same (((serial adj parallel) or "s/p") same (mux or multiplex$5))) and @rlad<"19990424")) and clock$5 same (timing or time)			
BRS	58		US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:30	S60
BRS	248829	mux or multiplex$6	US-PGPUB; USPAT; EPO; DERWENT	6/23/04 18:26	S1
BRS	21030	serial adj parallel	US-PGPUB; USPAT; EPO; DERWENT	6/23/04 18:27	S2
BRS	2169	s/p	US-PGPUB; USPAT; EPO; DERWENT	6/23/04 18:27	S3
BRS	22319	S2 or S3	US-PGPUB; USPAT; EPO; DERWENT	6/23/04 18:27	S4
BRS	1048	S1 with S4	US-PGPUB; USPAT; EPO; DERWENT	2/27/05 18:46	S5
BRS	60	S5 same phase	US-PGPUB; USPAT; EPO; DERWENT	6/23/04 18:33	S6
BRS	2	6351168	US-PGPUB; USPAT; EPO; DERWENT	6/23/04 18:34	S7
BRS	931	Maiorana	US-PGPUB; USPAT; EPO; DERWENT	6/23/04 18:34	S8
BRS	32	S8 and scott.in.	US-PGPUB; USPAT; EPO; DERWENT	2/27/05 18:33	S9
BRS	2	4727541.pn.	US-PGPUB; USPAT; EPO; DERWENT	2/27/05 19:24	S61
BRS	1003	Maiorana	US-PGPUB; USPAT; EPO; DERWENT	2/27/05 18:33	S62
BRS	35	S62 and scott.in.	US-PGPUB; USPAT; EPO; DERWENT	2/27/05 18:33	S63
BRS	3026	serializer or deserializer	US-PGPUB; USPAT; EPO; DERWENT	2/27/05 18:33	S65

		((((((parallel adj serial) or "p/s") same (demux or demultiplex$5)) same (((serial adj parallel) or "s/p") same (mux or multiplex$5))) and @ad<"19990424") or (((((parallel adj serial) or "p/s") same (demux or demultiplex$5)) same (((serial adj parallel) or "s/p") same (mux or multiplex$5))) and @rlad<"19990424")) and clock$5 same phas$5			
BRS	28		US-PGPUB; USPAT; EPO; DERWENT	2/27/05 18:38	S64
BRS	273184	mux or multiplex$6	US-PGPUB; USPAT; EPO; DERWENT	2/27/05 18:46	S66
BRS	23321	serial adj parallel	US-PGPUB; USPAT; EPO; DERWENT	2/27/05 18:46	S67
BRS	2454	s/p	US-PGPUB; USPAT; EPO; DERWENT	2/27/05 18:46	S68
BRS	24766	S67 or S68	US-PGPUB; USPAT; EPO; DERWENT	2/27/05 18:46	S69
BRS	1132	S66 with S69	US-PGPUB; USPAT; EPO; DERWENT	2/27/05 18:46	S70
IS&R	5537	(375/375,372,376,362,354,327,316).CCLS.	US-PGPUB; USPAT; EPO; DERWENT	2/27/05 18:47	S71
BRS	51	S71 and S65 and S66	US-PGPUB; USPAT; EPO; DERWENT	2/27/05 18:47	S72